

## PRODUCT INFORMATIONS

### Applications

- Cable for digital HDTV video links.
- Fixed applications for broadcast & television
- LSZH version for public place.

### Electrical properties

- Characteristic impedance : **75  $\Omega$**
- Nominal capacitance : **56 pF/m**
- Electrical resistance at 20°C :
  - Inner conductor : **63.50  $\Omega$ /km**
  - Outer conductor : **21.50  $\Omega$ /km**
- Velocity of propagation : **78%.c**

• Nominal attenuation :

MHz	dB / 100m
• 1	<b>1.20</b>
• 10	<b>3.50</b>
• 100	<b>10.60</b>
• 500	<b>24.50</b>
• 1000	<b>34.30</b>
• 1500	<b>43.00</b>
• 3000	<b>62.30</b>

• Return Loss :

MHz	dB
• 50 - 300	<b>&gt; 25</b>
• 300 - 900	<b>&gt; 20</b>
• 900 - 3000	<b>&gt; 18</b>

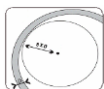
### Max. length of links

- SMPTE 292M standard – 1.50 Gb/s HDTV : max. length valided to **145 m.**
  - SMPTE 424M standard – 3.00 Gb/s HDTV : max. length valided to **105 m.**
- Lengths tested and valided by Tektronix company with Neutrik connectors.**

### Characteristics



- Temperature range : Fixed : **- 20°C → + 70°C**



- Minimum bending radius : Fixed : **8 x Ø**



- Conform to RoHS directive



- Flame retardant : **IEC60332-1**
- Determination of halogen rate : **IEC 60754-1**
- Determination of corrosiveness of combustion gas : **IEC 60754-2**
- Determination of smoke density : **IEC 61034-1 et -2**



- Conform to **EN 50575 : 2014 + A1 : 2016**
- Classe : **Eca**

### Item nb

HD0628LSZH	4.60 mm	24.00	1000 m